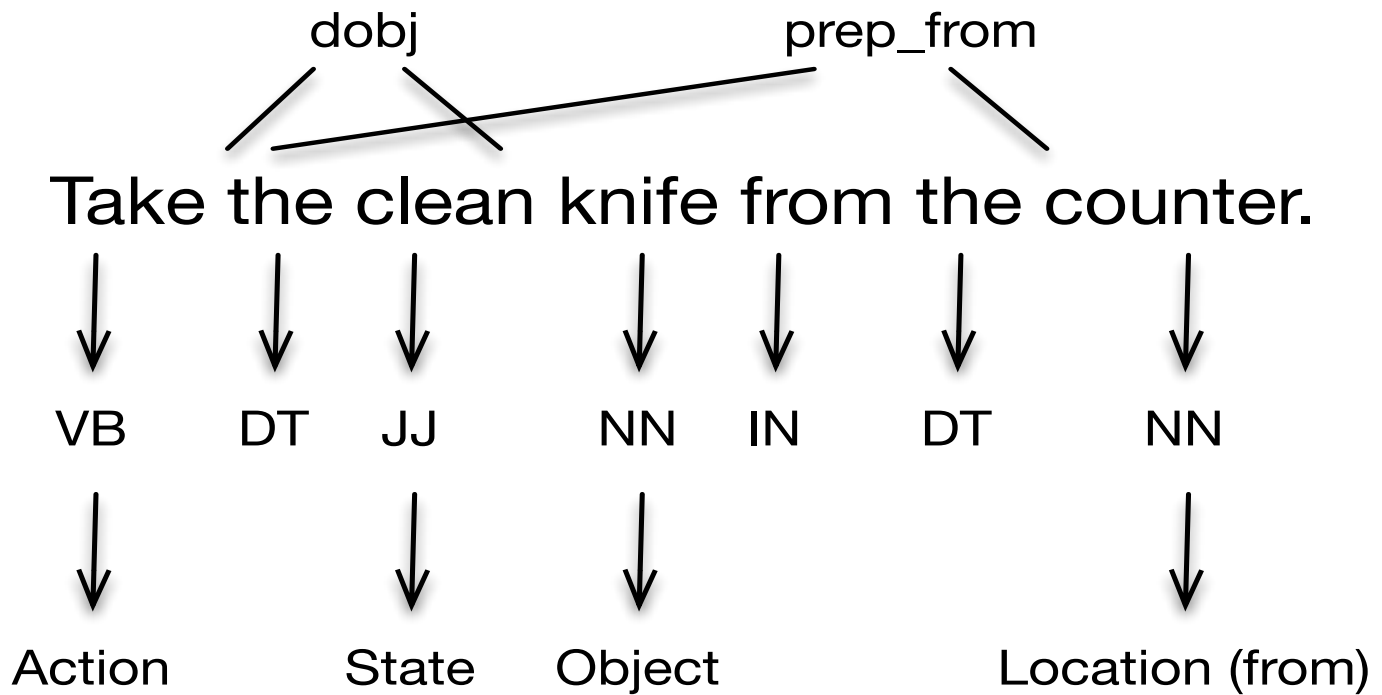
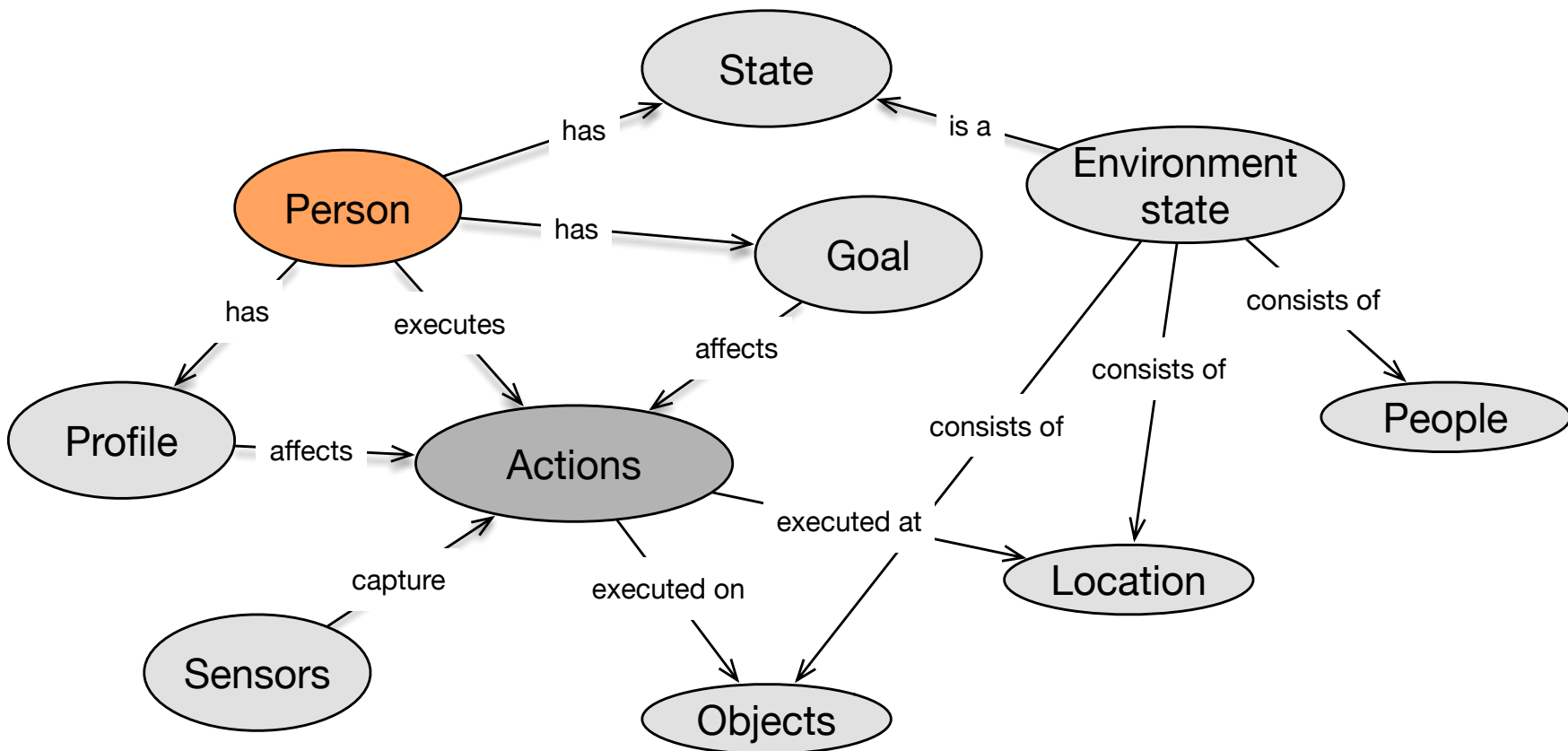


Identification of model elements



Generation of situation model



Generation of computational model

(:action take
 :parameters (?o - object ?from - location)

:precondition (and
 (not (executed-take ?o ?from))
 (state-clean ?o))

:effect (and
 (executed-take ?o ?from))

default predicates

discovered causal relation

situation model

Model

Actions

Argument ontology

Init. state

Goal state